

```
SSSSSSSSSSSSSS 0000000000 RRRRRRRRRRRR TTTTTTTTTTTTTT 3333333333 2222222222
SSSSSSSSSSSSSS 0000000000 RRRRRRRRRRRR TTTTTTTTTTTTTT 3333333333 2222222222
SSSSSSSSSSSSSS 0000000000 RRRRRRRRRRRR TTTTTTTTTTTTTT 3333333333 2222222222
SSS 000 000 RRR RRR 333 333 222 222
SSS 000 000 RRR RRR 333 333 222 222
SSS 000 000 RRR RRR 333 333 222 222
SSS 000 000 RRR RRR 333 333 222 222
SSS 000 000 RRR RRR 333 333 222 222
SSS 000 000 RRR RRR 333 333 222 222
SSSSSSSSSS 000 000 RRRRRRRRRRRR TTT 333 333 222 222
SSSSSSSSSS 000 000 RRRRRRRRRRRR TTT 333 333 222 222
SSSSSSSSSS 000 000 RRRRRRRRRRRR TTT 333 333 222 222
SSS 000 000 RRR RRR 333 333 222 222
SSS 000 000 RRR RRR 333 333 222 222
SSS 000 000 RRR RRR 333 333 222 222
SSS 000 000 RRR RRR 333 333 222 222
SSS 000 000 RRR RRR 333 333 222 222
SSSSSSSSSSSS 0000000000 RRR RRR TTT 3333333333 22222222222222
SSSSSSSSSSSS 0000000000 RRR RRR TTT 3333333333 22222222222222
SSSSSSSSSSSS 0000000000 RRR RRR TTT 3333333333 22222222222222
```

.....

```

LL          IIIIII          SSSSSSSS
LL          IIIIII          SSSSSSSS
LL          II             SS
LL          II             SS
LL          II             SS
LL          II             SS
LL          II             SSSSSS
LL          II             SSSSSS
LL          II             SS
LL          II             SS
LL          II             SS
LL          II             SS
LL          II             SSSSSS
LLLLLLLLLL IIIIIIII        SSSSSSSS
LLLLLLLLLL IIIIIIII        SSSSSSSS

```

J 7
16-Sep-1984 00:20:26
15-Sep-1984 22:49:53

VAX-11 Bliss-32 V4.0-742
_S255SDUA28:[SORT32.SRC]SFKEYWRD.REQ;1 Page 1 (1)

File: SFKEYWRD.REQ IDENT = 'V04-000' ! File: SFKEYWRD.REQ Edit: PDG3006

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FACILITY: VAX-11 SORT / MERGE
PDP-11 SORT / MERGE

ABSTRACT:

Require file to define spec file keywords.

ENVIRONMENT: VAX/VMS user mode

AUTHOR: V. Bennison

MODIFIED BY:

T03-002 Peter D Gilbert
Add ZONED, change PACKED to PACKED DECIMAL. PDG 10-Jan-1983
T03-003 Add CDD_PATH NAME and PAD. PDG 8-Feb-1983
T03-004 Correct spelling of TRAILING SIGN. PDG 2-Mar-1983
T03-005 Change DEC_MULTINATIONAL to MULTINATIONAL. PDG 13-Apr-1983
T03-006 Add DTYPE. 19-May-1983

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16-Sep-1984 00:20:26
15-Sep-1984 22:49:53

VAX-11 Bliss-32 V4.0-742
_S255\$DUA28:[SORT32.SRC]SFKEYWRD.REQ;1 Page 2
(2)

This require file contains the symbolic names and strings that define the PDP-11 SORT/MERGE Version 3.0 specification file keywords. This file is required by module \$SFWRD, the specification file keyword module.

The text appears in the following format: under the KEYWORDS MACRO definition are a number of sets of two strings. The first string in each set is the symbolic keyword name. This will be assigned a sequential number at compile time. The second string is the actual keyword used by the parser. Note that some actual keywords may be prefixes of other keywords (for example, ASCII and ASCII_FLOATING, LE and LEADING_SIGN).

***** TRANSLATION INSTRUCTIONS *****

Specification file keywords for PDP-11 SORT/MERGE may be translated into foreign languages. In order to do this, the keyword string, the second string in each of the following sets, should be translated. \$SFWRD may then be recompiled using BLISS-16. PDP-11 SORT/MERGE should then be rebuilt with the task-builder.

CAUTION - CAUTION - CAUTION - CAUTION - CAUTION - CAUTION

ONLY THE KEYWORD STRING MAY BE TRANSLATED. IF THE FIRST STRING IN EACH SET, THE SYMBOLIC MESSAGE NAME, IS CHANGED, THE PDP-11 SORT/MERGE SPECIFICATION FILE PARSER WILL NOT OPERATE CORRECTLY.

RESTRICTION: THE MAXIMUM LENGTH OF ANY KEYWORD IS 256 BYTES. THIS IS BECAUSE THE MESSAGE TEXT MODULE USES THE BLISS XASCIC FUNCTION TO BUILD COUNTED STRINGS.

CHANGING THE LENGTH OF THE KEYWORD STRINGS WILL HAVE AN AFFECT ON THE SIZE OF THE FINAL TASK. MANY LONG STRINGS MAY MAKE THE FINAL SORT/MERGE TASK LARGER THAN THE TASK ORIGINALLY SHIPPED.

NOTE - THE SYMBOLIC KEYWORD NAME MUST NOT EXCEED 6 BYTES

PLEASE USE THE EXAMPLE PRESENTED BELOW AS A GUIDE FOR FORMATTING LINES

'DUMMYA', 'DUMMY MESSAGE FOR FORMATTING GUIDE',

MACRO

KEYWORDS =

'PROC'	'PROCESS'	.	process
'RECD'	'RECORD'	.	record sort process
'TAG'	'TAG'	.	tag sort process
'ADDR'	'ADDRESS'	.	address sort process
'INDX'	'INDEX'	.	index sort process
'STAB'	'STABLE'	.	stable
'NOST'	'NOSTABLE'	.	no stable
'CHSQ'	'CHECK SEQUENCE'	.	check sequence
'NOCH'	'NOCHECK SEQUENCE'	.	no check sequence
'COLL'	'COLLATING SEQUENCE'	.	collating sequence
'SEQU'	'SEQUENCE'	.	sequence
'ASC'	'ASCII'	.	ascii collating sequence
'EBC'	'EBCDIC'	.	ebcdic
'DEC'	'MULTINATIONAL'	.	multinational
'MODF'	'MODIFICATION'	.	modification
'IGNO'	'IGNORE'	.	ignore
'FOLD'	'FOLD'	.	fold
'TIEB'	'TIE BREAK'	.	tiebreak
'NOTI'	'NOTIE BREAK'	.	no tiebreak
'FIEL'	'FIELD'	.	field
'NAME'	'NAME'	.	name
'SIZE'	'SIZE'	.	size
'POS1'	'POSITION'	.	position
'DIG1'	'DIGITS'	.	digits
'ASCF'	'ASCII FLOATING'	.	ascii floating data type
'ASCZ'	'ASCII ZONED'	.	ascii zone data type
'BINA'	'BINARY'	.	binary data type
'CHAR'	'CHARACTER'	.	character
'DECI'	'DECIMAL'	.	decimal
'DIBO'	'DIBOL'	.	dibol
'FFLT'	'F FLOATING'	.	f floating
'DFLT'	'D FLOATING'	.	d floating
'GFLT'	'G FLOATING'	.	g floating
'HFLT'	'H FLOATING'	.	h floating
'PACK'	'PACKED DECIMAL'	.	packed decimal
'ZONE'	'ZONED'	.	zoned
'SIGN'	'SIGNED'	.	signed
'UNSI'	'UNSIGNED'	.	unsigned
'LEAD'	'LEADING SIGN'	.	leading sign
'TRAI'	'TRAILING SIGN'	.	trailing sign
'OVER'	'OVERPUNCHED SIGN'	.	overpunched sign
'SEPA'	'SEPARATE SIGN'	.	separate sign
'INCL'	'INCLUDE'	.	include
'OMIT'	'OMIT'	.	omit
'KEY'	'KEY'	.	key
'IF'	'IF'	.	if
'THEN'	'THEN'	.	then
'ELSE'	'ELSE'	.	else

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16-Sep-1984 00:20:26
15-Sep-1984 22:49:53

VAX-11 Bliss-32 V4.0-742 Page 4
_S255SDUA28:[SORT32.SRC]SFKEYWRD.REQ;1 (3)

```

: M 0139 0
: M 0140 0
: M 0141 0
: M 0142 0
: M 0143 0
: M 0144 0
: M 0145 0
: M 0146 0
: M 0147 0
: M 0148 0
: M 0149 0
: M 0150 0
: M 0151 0
: M 0152 0
: M 0153 0
: M 0154 0
: M 0155 0
: M 0156 0

'ASCE' 'ASCENDING'
'DESC' 'DESCENDING'
'DATA' 'DATA'
'COND' 'CONDITION'
'TEST' 'TEST'
'EQ' 'EQ'
'NE' 'NE'
'LE' 'LE'
'LT' 'LT'
'GE' 'GE'
'GT' 'GT'
'AND' 'AND'
'OR' 'OR'
'WORK' 'WORK FILES'
'CDD' 'CDD_PATH_NAME'
'PAD' 'PAD'
'DTYP' 'DTYPE'
'UNKN' 'X'

ascending
descending
data
condition
test
equal
not equal
less than or equal
less than
greater than or equal
greater than
and
or
work_files
cdd_path_name
pad
dtype
! LAST KEYWORD - DO NOT CHANGE
```

COMMAND QUALIFIERS

BLISS SRC\$:SFKEYWRD/LIS=LISS\$:SFKEYWRD/LIB=SRC\$:SFKEYWRD

```

: Run Time: 00:01.1
: Elapsed Time: 00:05.3
: Lines/CPU Min: 8357
: Lexemes/CPU-Min: 14678
: Memory Used: 11 pages
: Library Precompilation Complete
```


0363

AH-BT13A-SE
VAX/VMS V4.0

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